

FIGURE 1

FIGURE 2

<i>S. cerevisiae</i>	1	-----MSLQSN-----	7
<i>H. sapiens</i> (AAH47707)	1	NG-----LRA-----	28
<i>M. musculus</i> (AAH11325)	1	NG-----LRA-----	27
<i>D. melanogaster</i> (AAH48773)	1	NEFISHFLRATSRRTAALCPILQMRSEIIQKQSLTNRQAERRRYSST	50
<i>A. thaliana</i> (AAC042977)	1	-----HANLHRLPI-----	27
<i>T. elongatus</i> (BAC07716)	1	-----HRL-----	2
<i>Notoc. sp. PCC7120</i>	1	-----HRL-----	3
<i>S. cerevisiae</i>	8	-----VEPTEIPQSETHRLA-----	45
<i>H. sapiens</i> (AAH47707)	29	QGGSIHSGRIAAVHNPPISVLIAPLP-----SVLDPAKVSFLVDTHREDP---	73
<i>M. musculus</i> (AAH11325)	28	QGGSIHSGRIAAVHNPPISVLIAPLP-----SVLDPAKVSFLVDTHREDP---	72
<i>D. melanogaster</i> (AAH48773)	51	HDCTVHSAGIDETHLVPSVLDTHRLP-----SVLDPAKVSFLVDTHREDP---	97
<i>A. thaliana</i> (AAC042977)	28	VIGDSSGGVGPPIVLEPDEKIRRLPHRTSRNDQMLVKELHDSIRQIG---	74
<i>T. elongatus</i> (BAC07716)	3	-----VLDLPDAPLP-----RQTDPAKVAALNASTAEIG---	35
<i>Notoc. sp. PCC7120</i>	4	-----VQELPDLQIRAPLP-----RQNDPAKVAALNASTAEIG---	36
<i>S. cerevisiae</i>	46	KTCSLERAEAAASAGELPVDVIGVRPKG-QTLYVAFEGCHRLQAYDRAA	94
<i>H. sapiens</i> (AAH47707)	74	-----DSVRPIDVLIHKGAGGGDYYSFEGCHRYAAYDRLQ	109
<i>M. musculus</i> (AAH11325)	73	-----DSVRPIDVLIHKGAGGGDYYSFEGCHRYAAYDRLQ	108
<i>D. melanogaster</i> (AAH48773)	98	-----DEVFPIDVLIHKGAGGGDYYSFEGCHRYAAYDRLQ	133
<i>A. thaliana</i> (AAC042977)	75	-----LQVPIDVLEVNG-----TYXEGEGCHRYAAYDRLQ	104
<i>T. elongatus</i> (BAC07716)	26	-----QQEPIDVLEVES-----HYXEGEGCHRYAAYDRLQ	63
<i>Notoc. sp. PCC7120</i>	37	-----QQEPIDVLEVDG-----QYXEGEGCHRYAAYDRLQ	66
<i>S. cerevisiae</i>	95	RETPDNAAFPVRCRVLYAIPROIRMYCGSSLDIE--	127
<i>H. sapiens</i> (AAH47707)	110	RETPDNAAFPVRCRVLYAIPROIRMYCGSSLDIE--	137
<i>M. musculus</i> (AAH11325)	109	RETPDNAAFPVRCRVLYAIPROIRMYCGSSLDIE--	136
<i>D. melanogaster</i> (AAH48773)	134	RETPDNAAFPVRCRVLYAIPROIRMYCGSSLDIE--	162
<i>A. thaliana</i> (AAC042977)	105	LETPDNAAFPVRCRVLYAIPROIRMYCGSSLDIE--	125
<i>T. elongatus</i> (BAC07716)	66	LETPDNAAFPVRCRVLYAIPROIRMYCGSSLDIE--	86
<i>Notoc. sp. PCC7120</i>	67	LETPDNAAFPVRCRVLYAIPROIRMYCGSSLDIE--	87

FIGURE 3

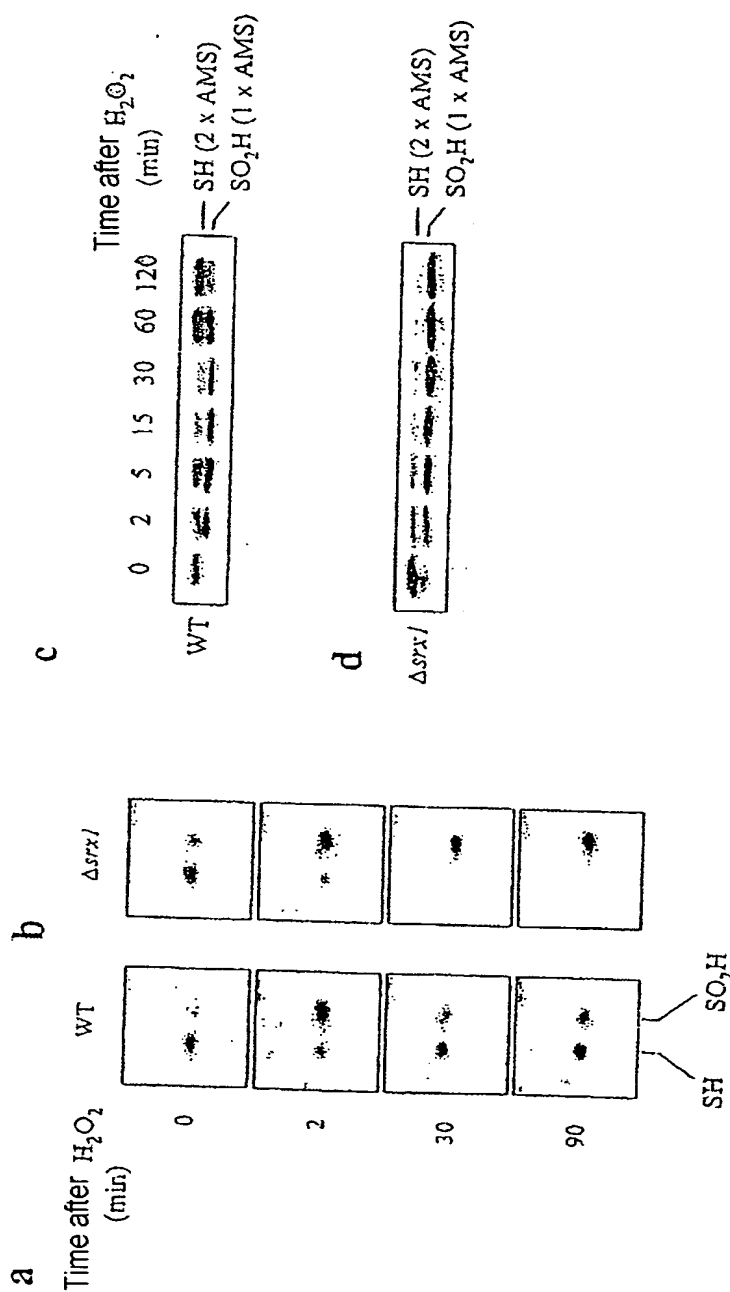


FIGURE 4

5/9

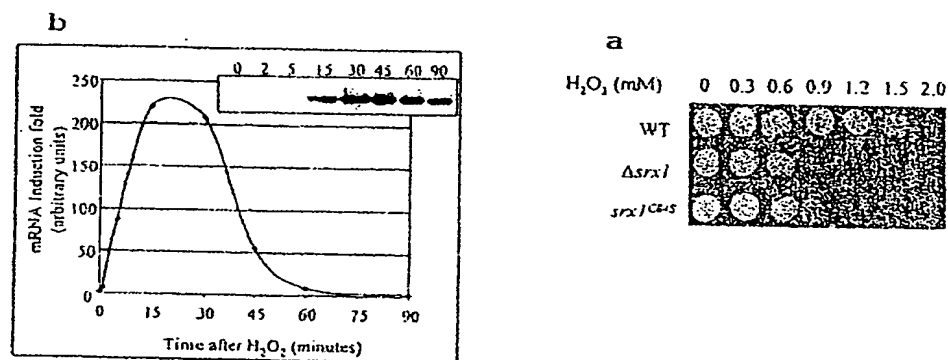


FIGURE 5

6/9

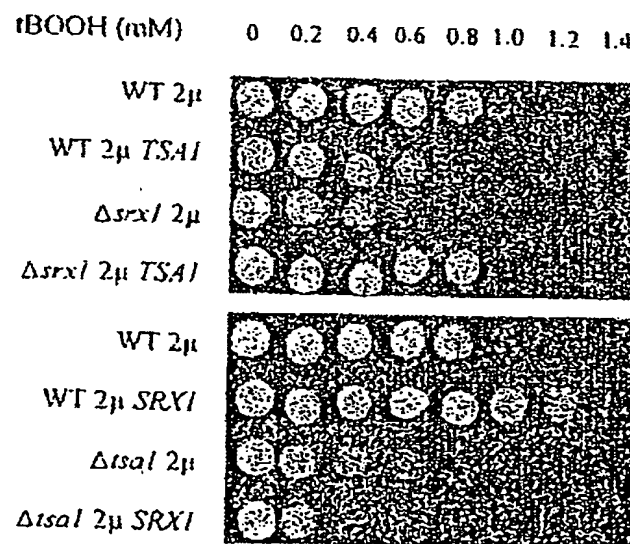


FIGURE 6

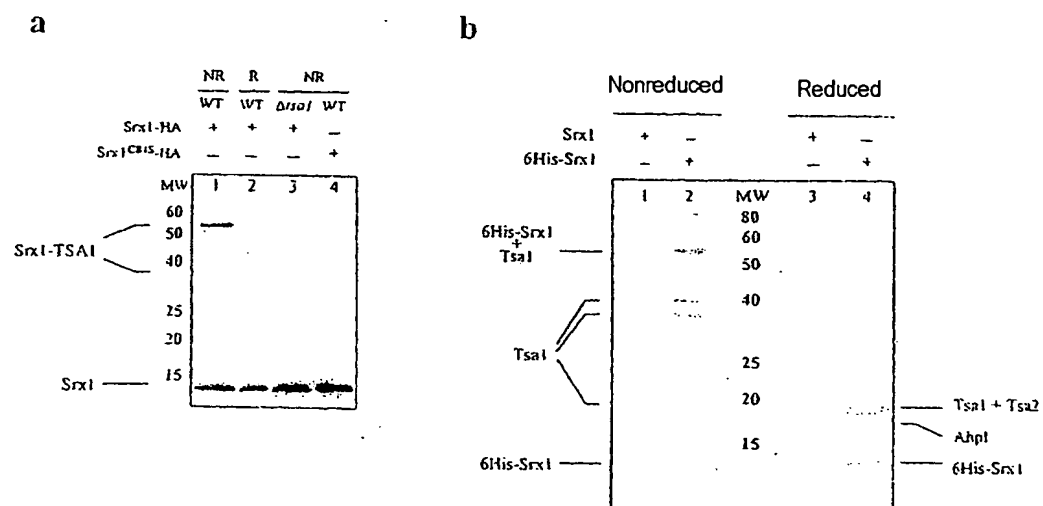


FIGURE 7

8/9

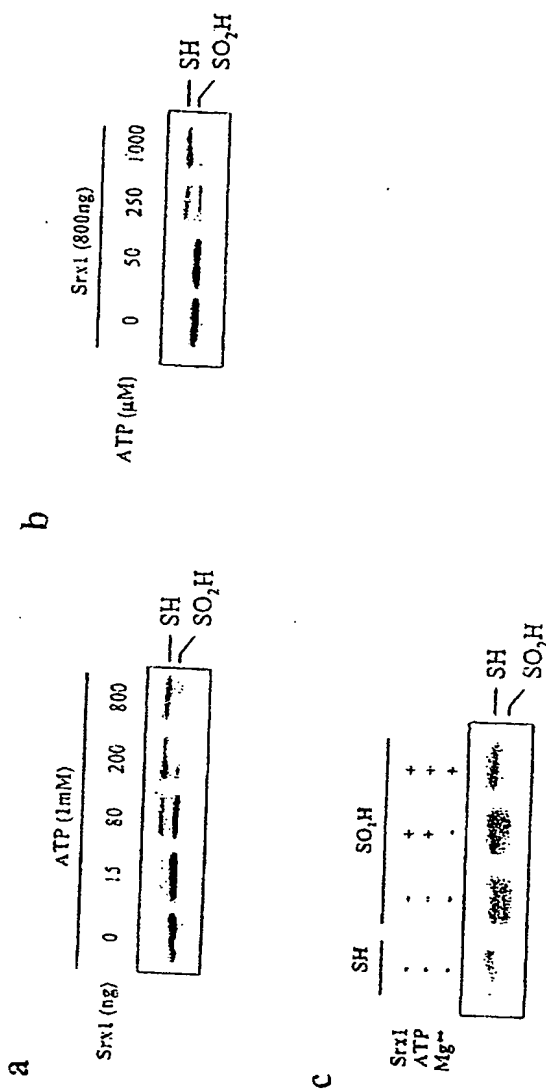


FIGURE 8

9/9

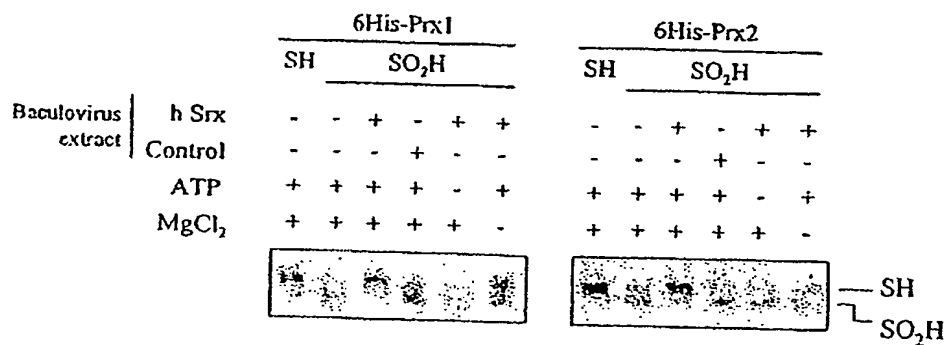


FIGURE 9